

Title: *Study of Enterobius vermicularis infection among kindergarten Children in Ardabil city, Iran.*

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ABSTRACT:

Background : *Enterobius vermicularis* is a common helminthic infection, affecting almost 1 billion people worldwide from all socioeconomic classes. In Iran, its prevalence is 25 to 92 percent, with a high prevalence among children

Methods: *In order to determine the prevalence of E. vermicularis infection among preschool children in Ardabil city, Iran , 400 children under 7 years old from 10 kindegartens were evaluate by Graham's scotch adhesive tape technique in 2003.*

Results: *The prevalence of enterobiasis in the studied children was 18/3%. The highest rate (21/9%) was observed in children 4,5 years old and the lowest rate (14/3%) was seen in children 1,2 years old. The infection rate of males and females was 16/4% and 21/2% , respectively ($P > 0/05$) Prevalence of entrobiasis in children of illiterate mothers (54/5%) was higher than those of literate mothers (12/2%) ($P < 0/05$).*

Conclusion: *Therefore for Prevention of this infection, health education, especially for illiterate or low literacy parents in necessary.*